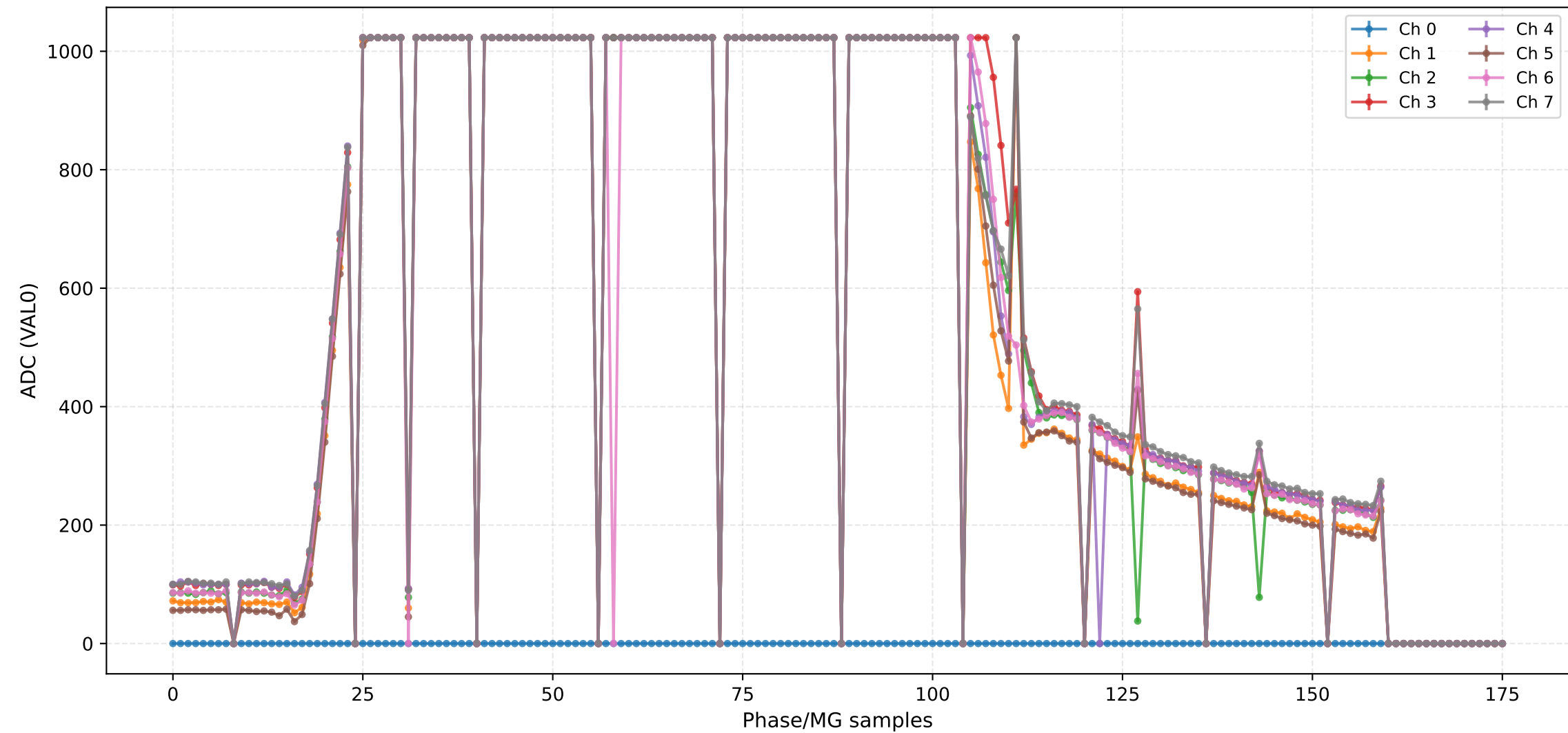


ADC (VAL0) - Channels 0 to 7



## ADC (VAL0) - Channels 8 to 15



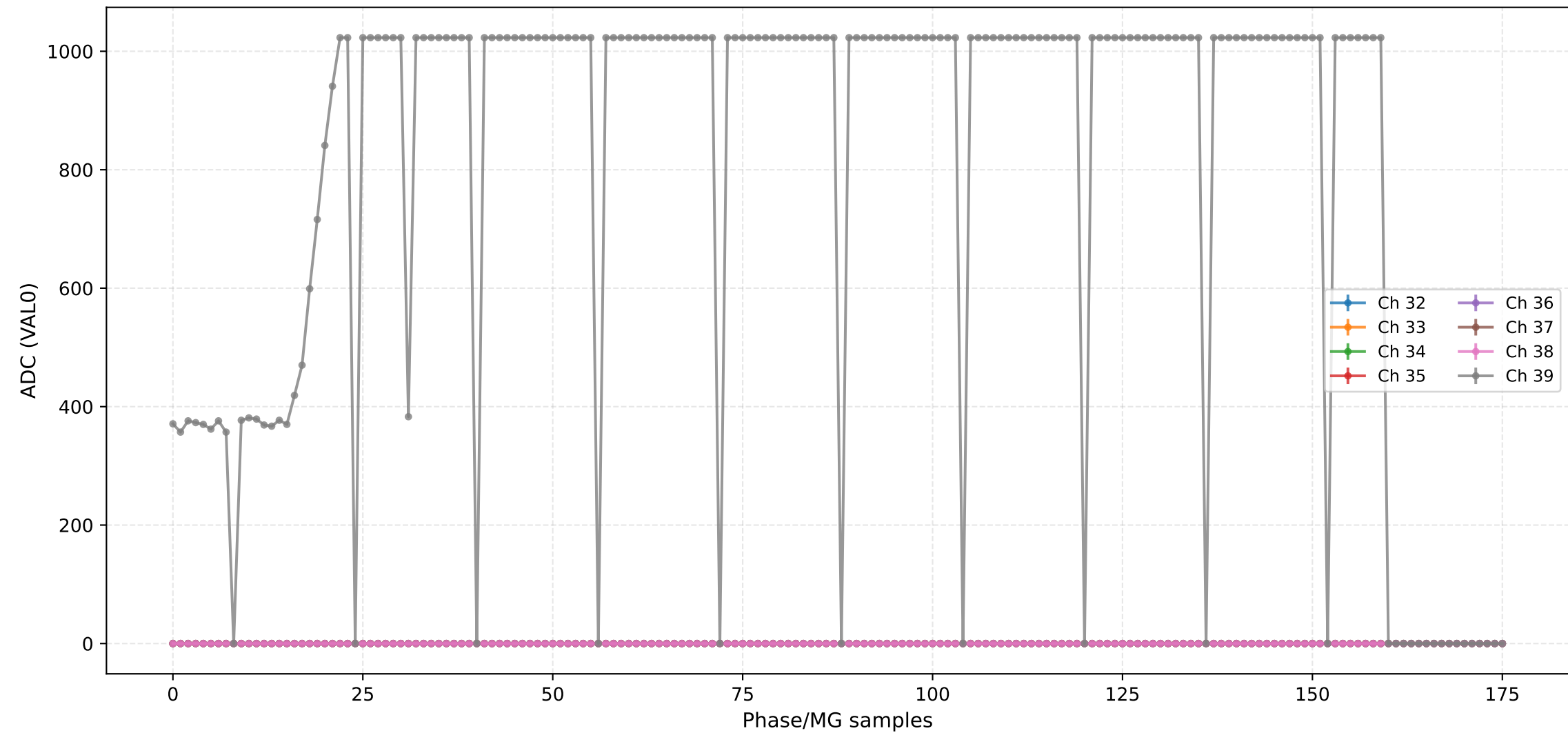
### ADC (VAL0) - Channels 16 to 23



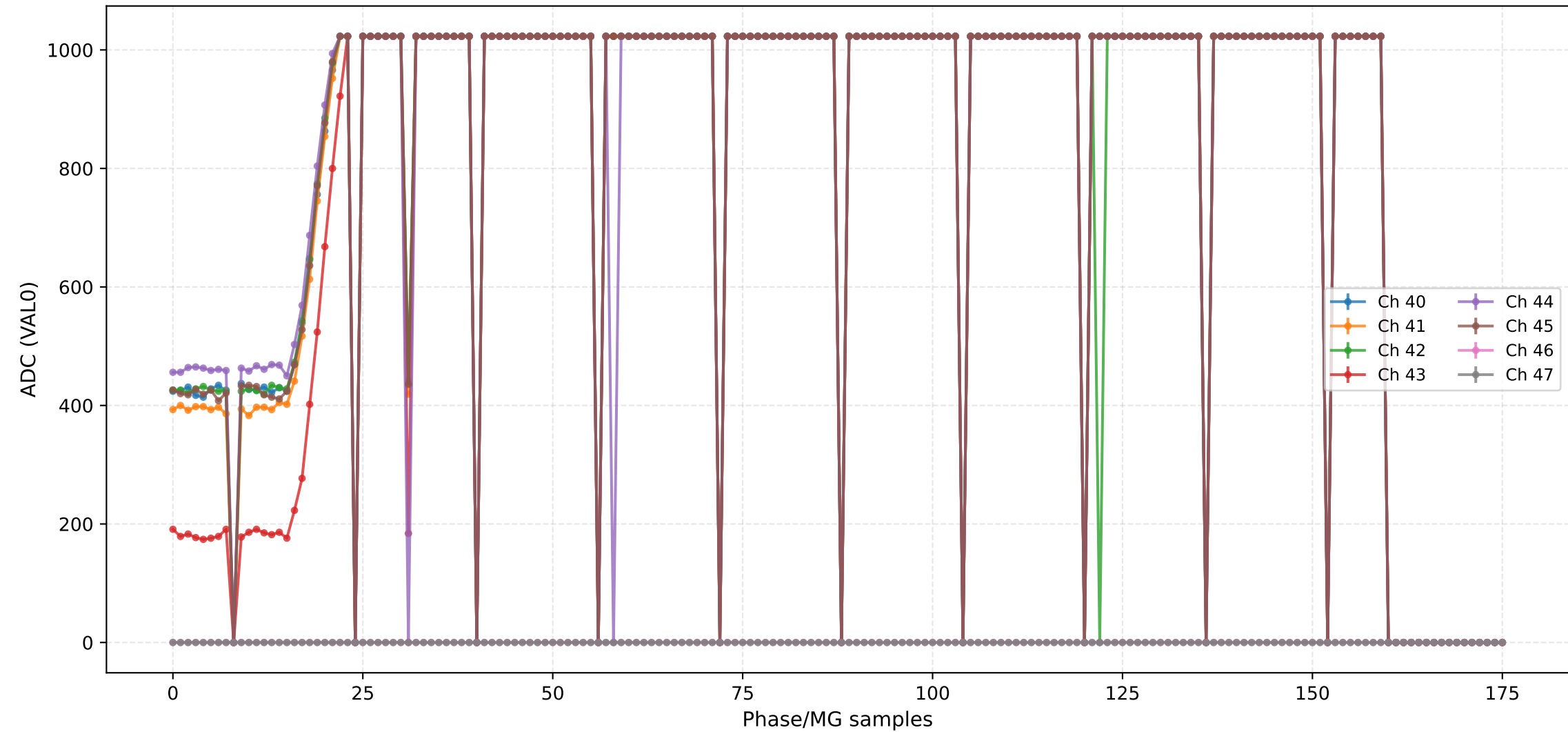
### ADC (VAL0) - Channels 24 to 31



## ADC (VAL0) - Channels 32 to 39



### ADC (VAL0) - Channels 40 to 47



## ADC (VAL0) - Channels 48 to 55



### ADC (VAL0) - Channels 56 to 63

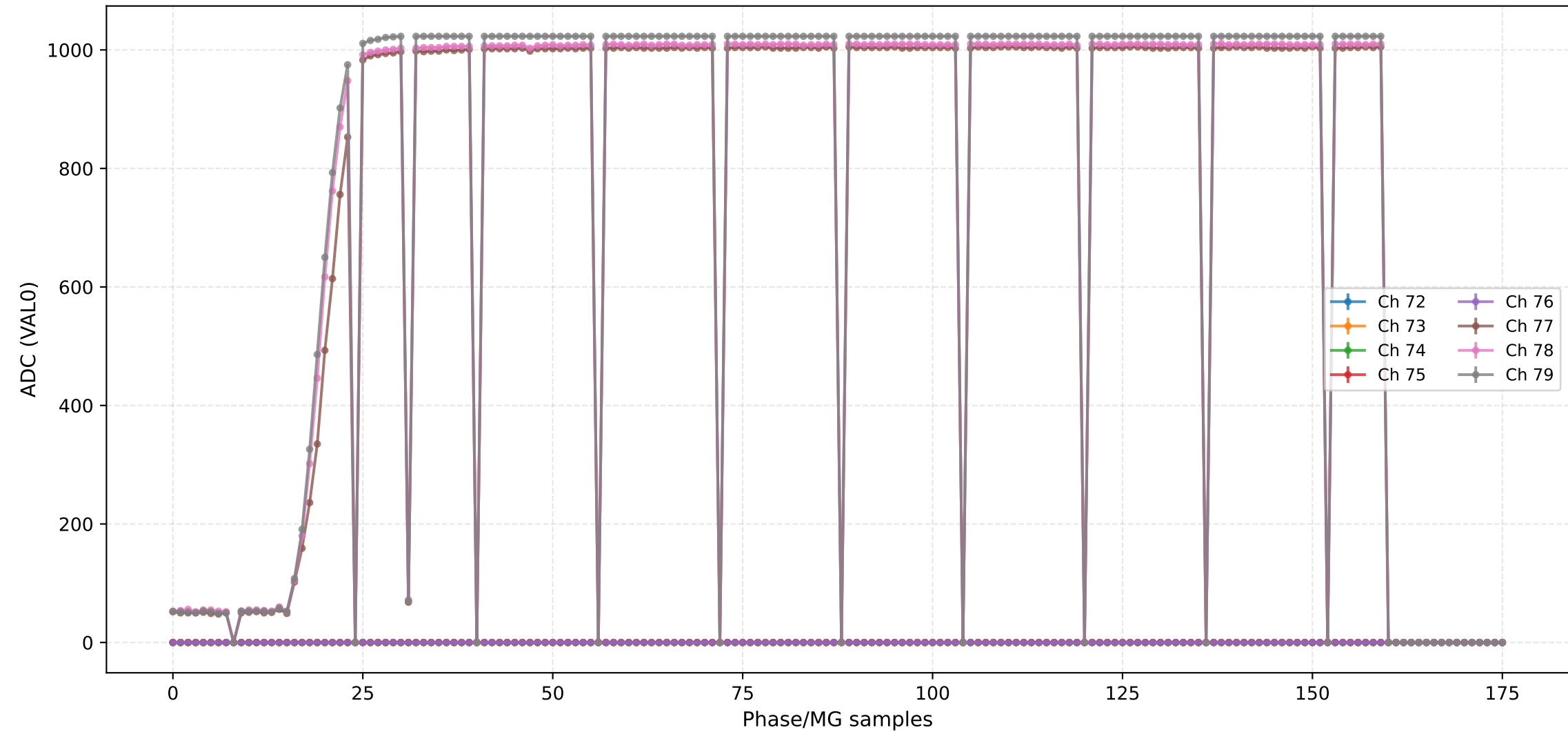




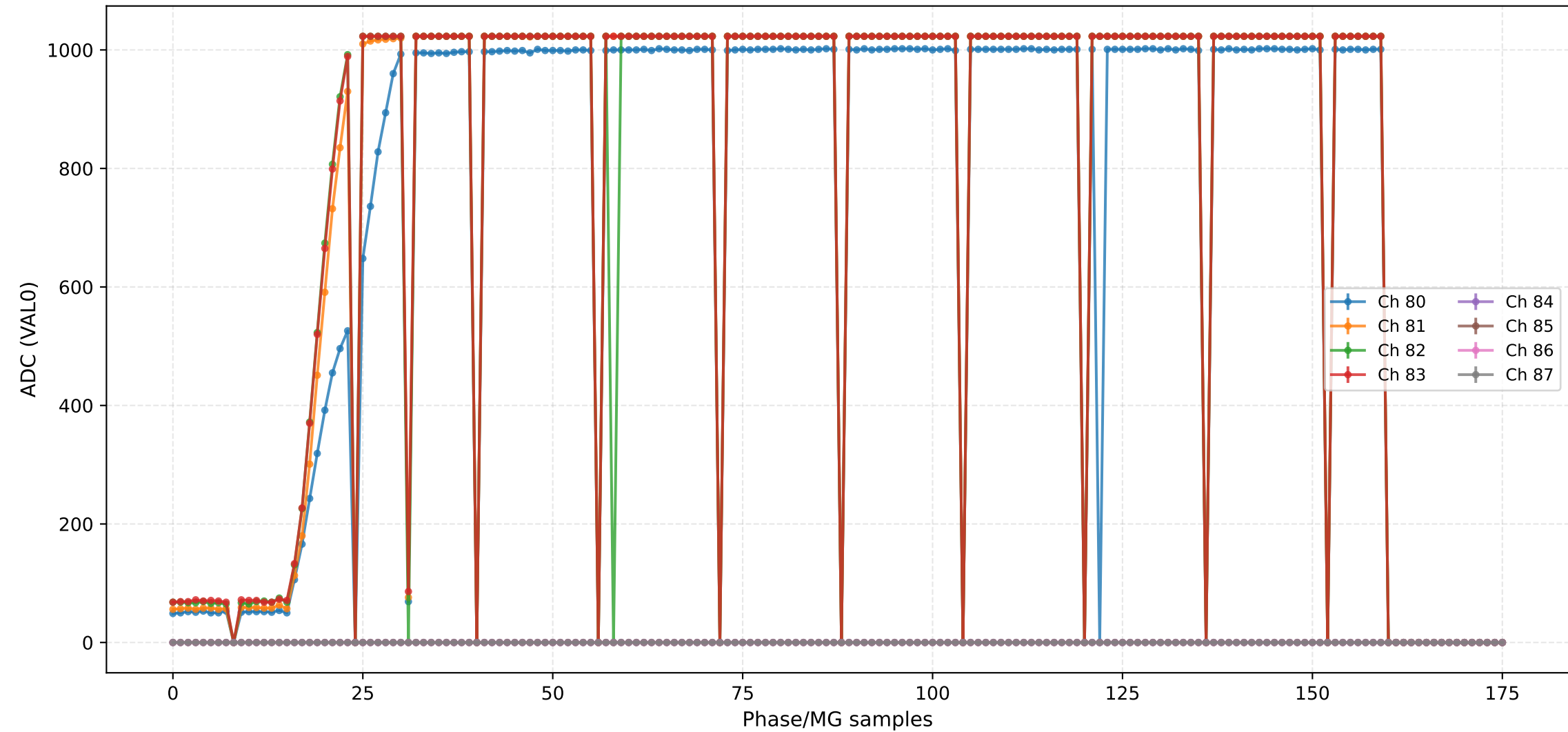
### ADC (VAL0) - Channels 64 to 71



## ADC (VAL0) - Channels 72 to 79



### ADC (VAL0) - Channels 80 to 87



### ADC (VAL0) - Channels 88 to 95



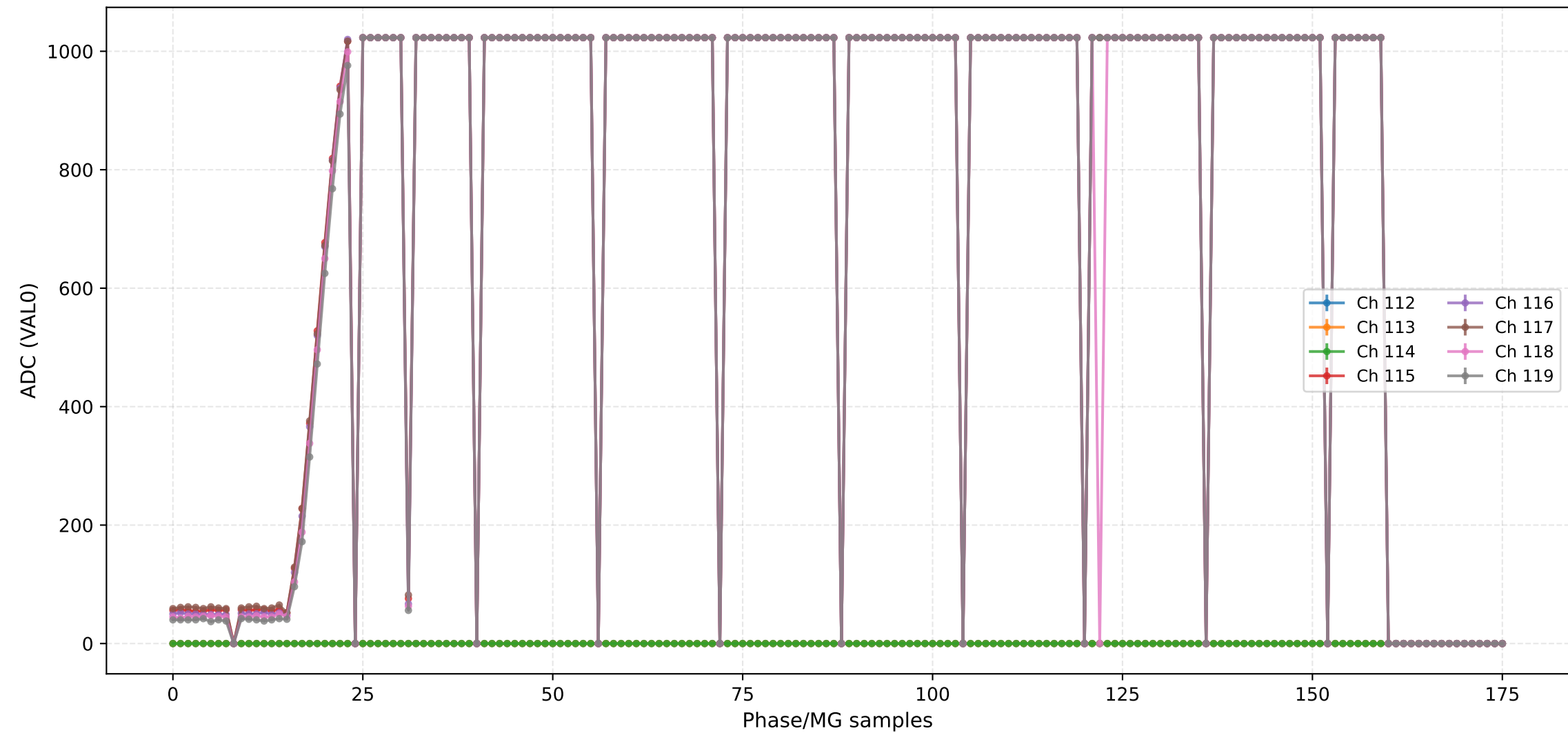
### ADC (VAL0) - Channels 96 to 103



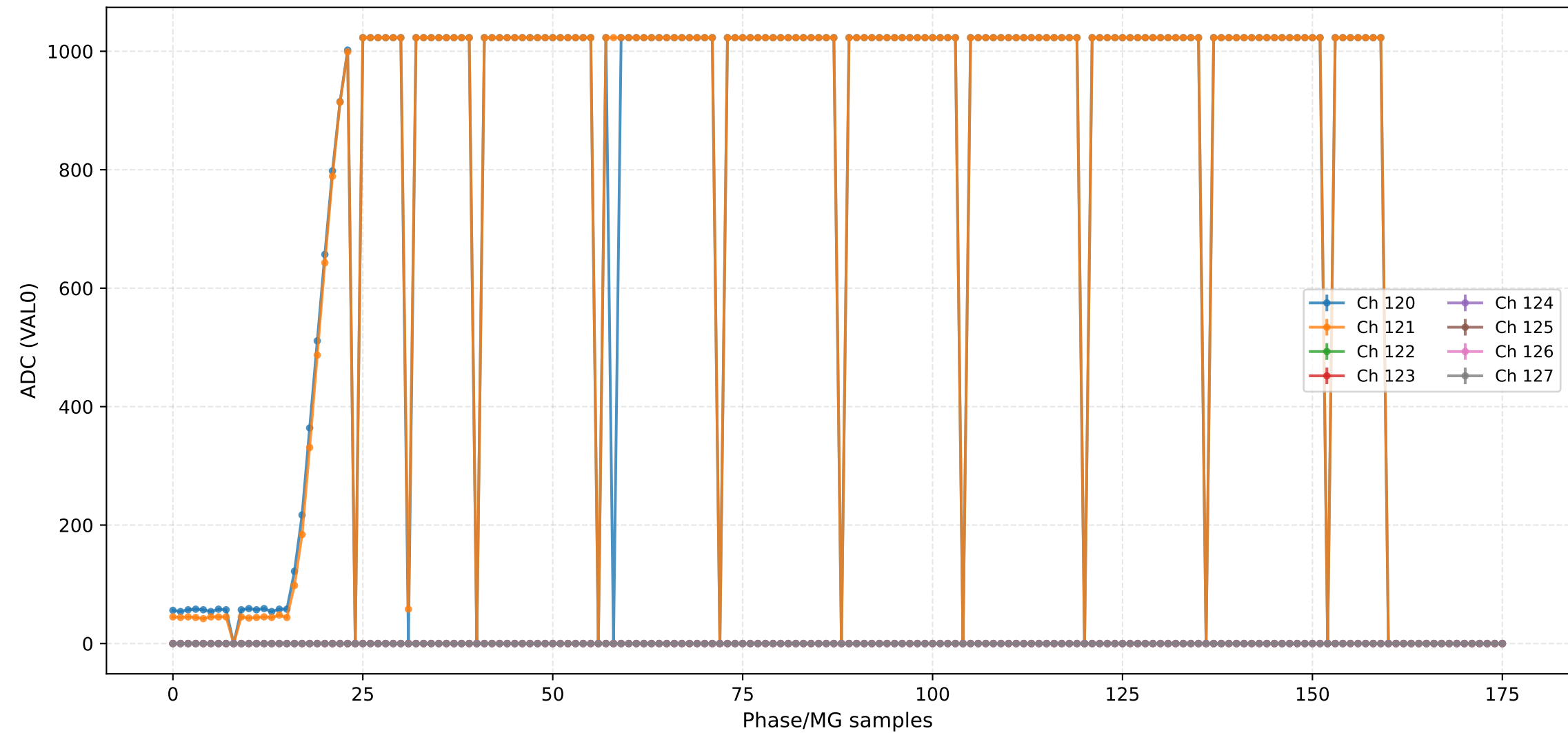
## ADC (VAL0) - Channels 104 to 111



## ADC (VAL0) - Channels 112 to 119



ADC (VAL0) - Channels 120 to 127





### ADC (VAL0) - Channels 128 to 135



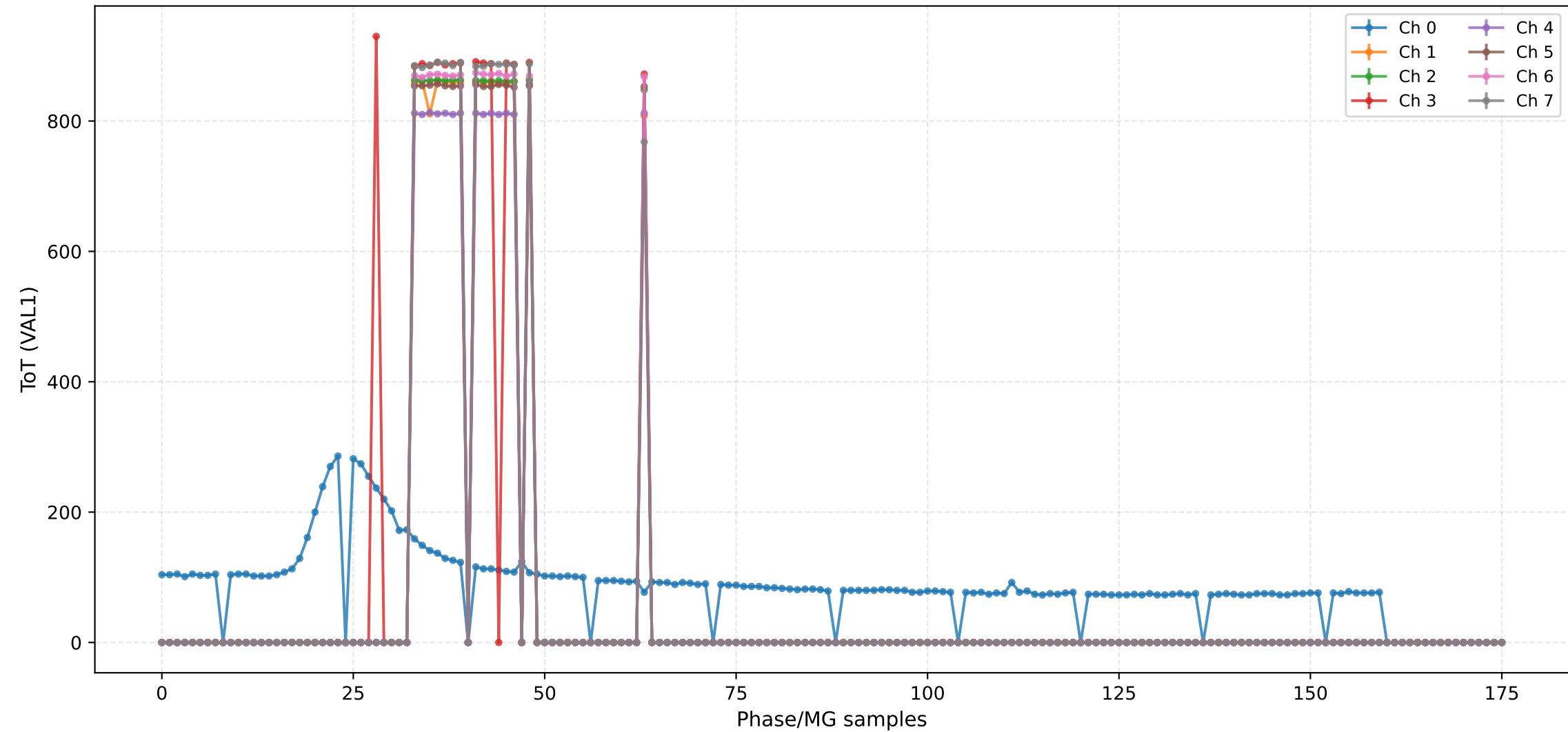
## ADC (VAL0) - Channels 136 to 143



### ADC (VAL0) - Channels 144 to 151



ToT (VAL1) - Channels 0 to 7



ToT (VAL1) - Channels 8 to 15



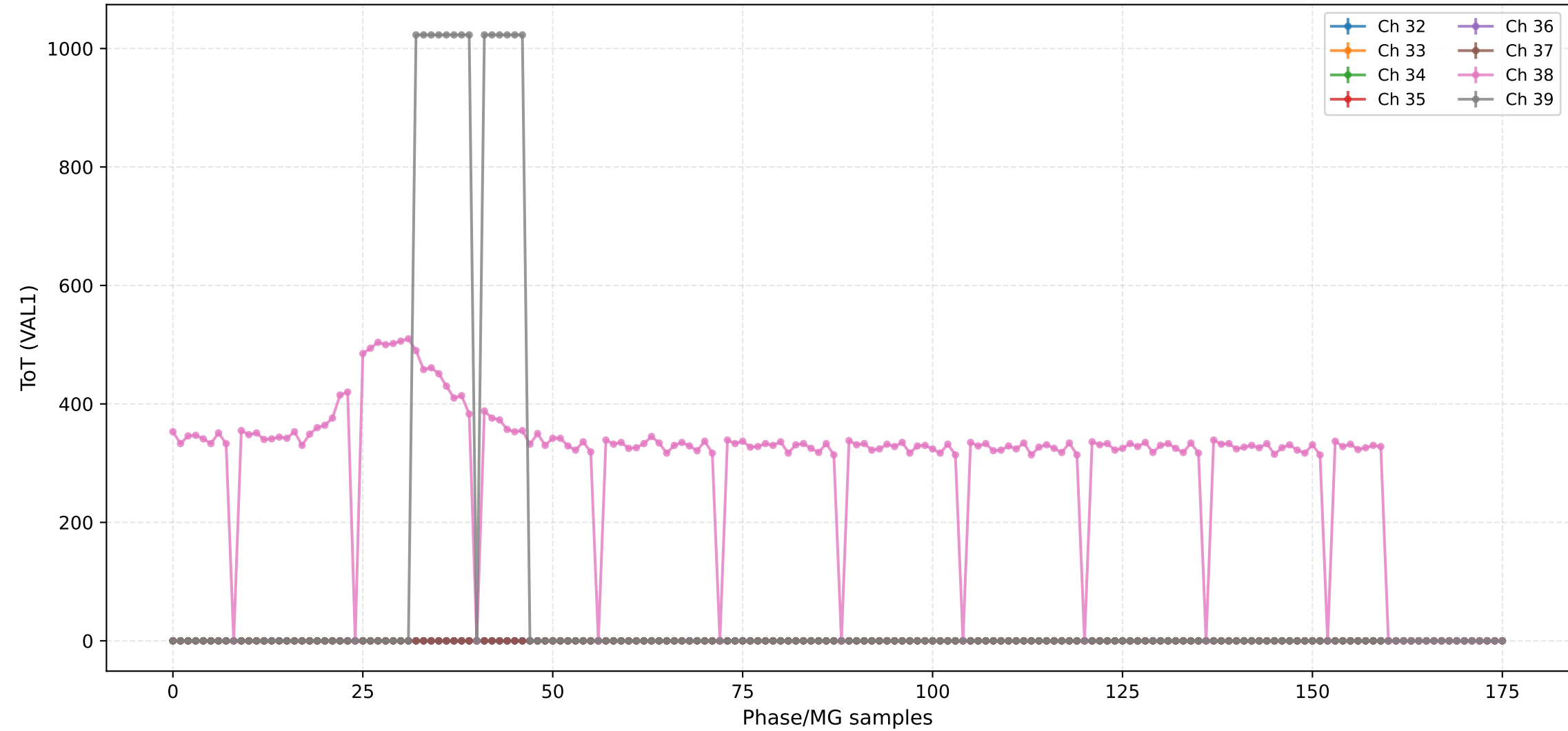
### ToT (VAL1) - Channels 16 to 23



ToT (VAL1) - Channels 24 to 31

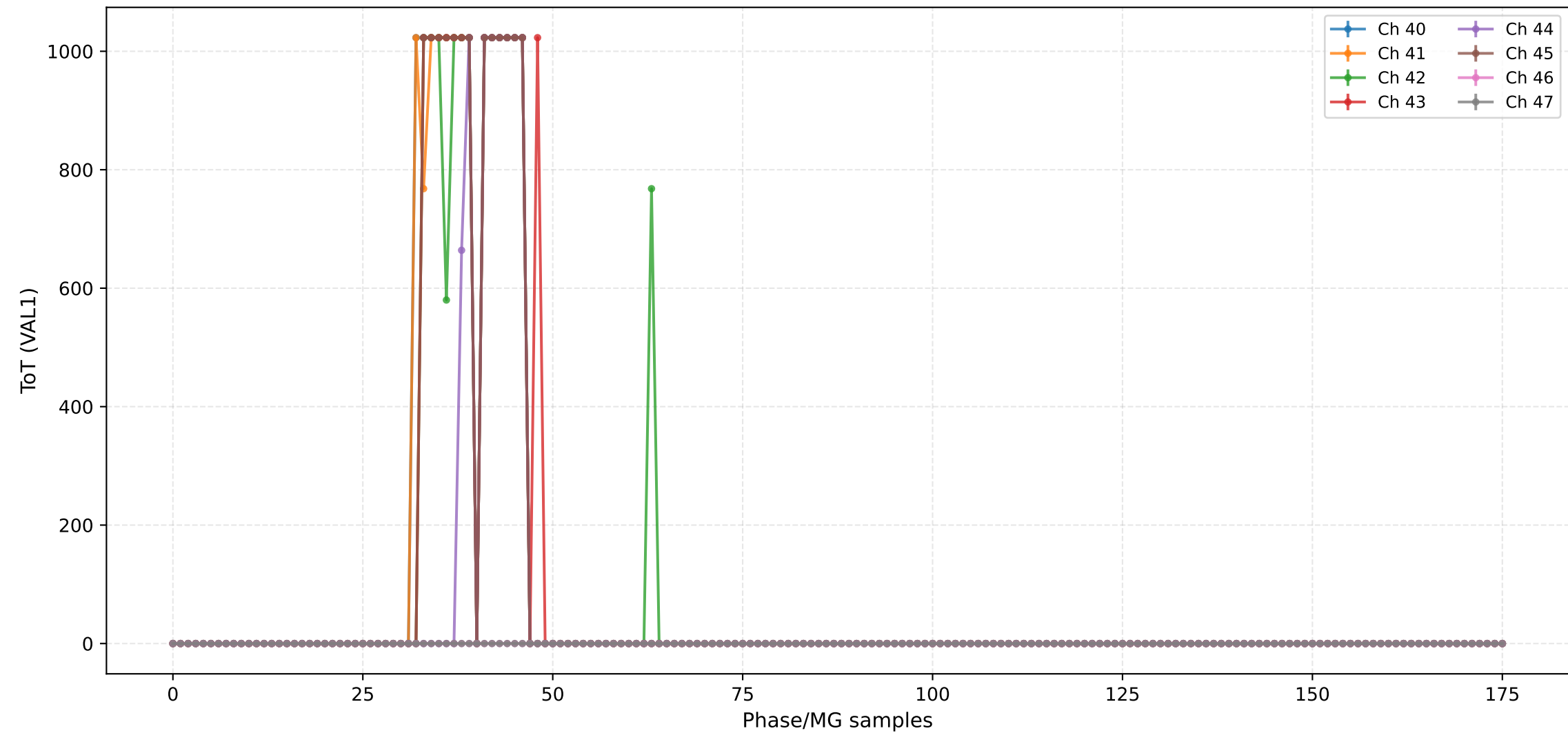


ToT (VAL1) - Channels 32 to 39





ToT (VAL1) - Channels 40 to 47



### ToT (VAL1) - Channels 48 to 55



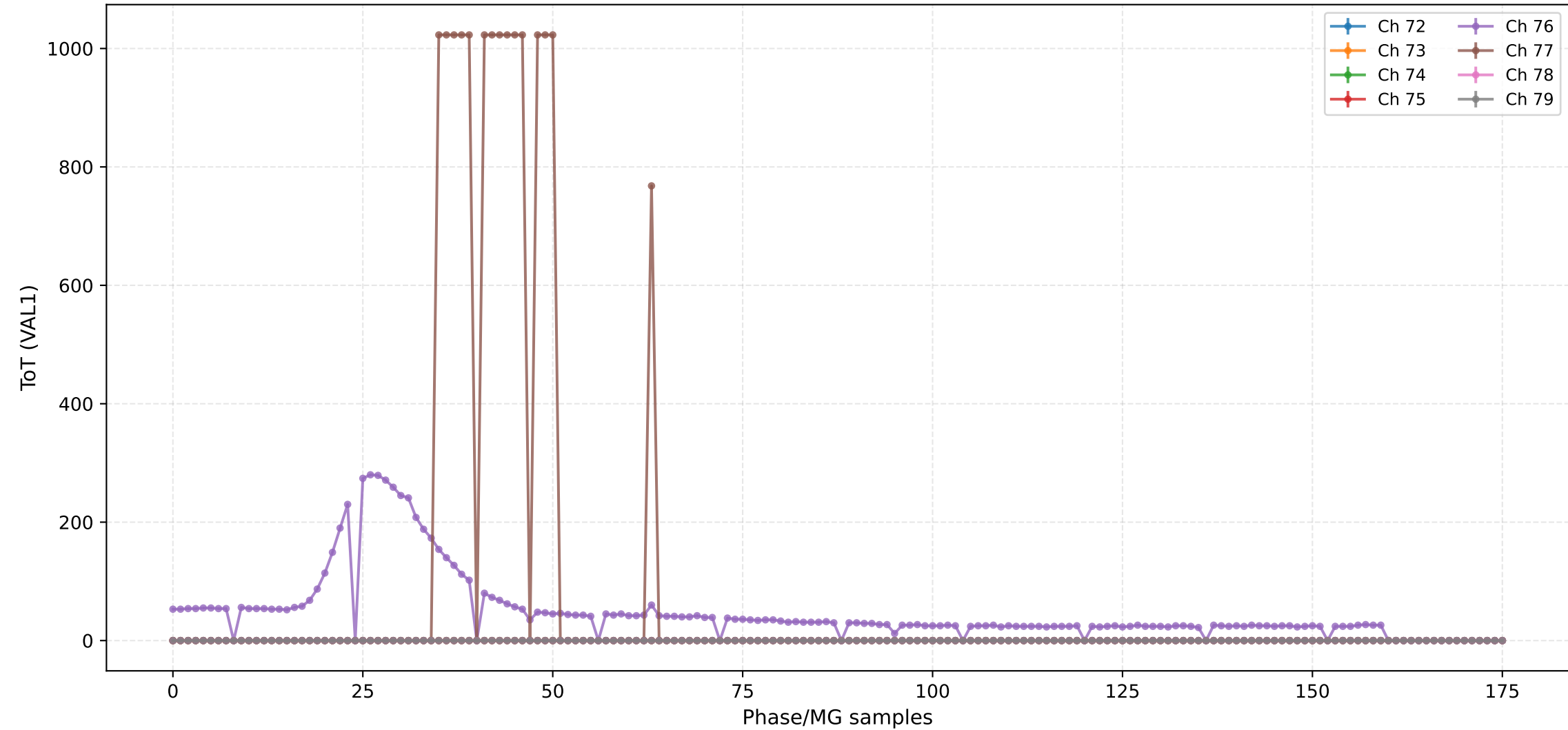
## ToT (VAL1) - Channels 56 to 63



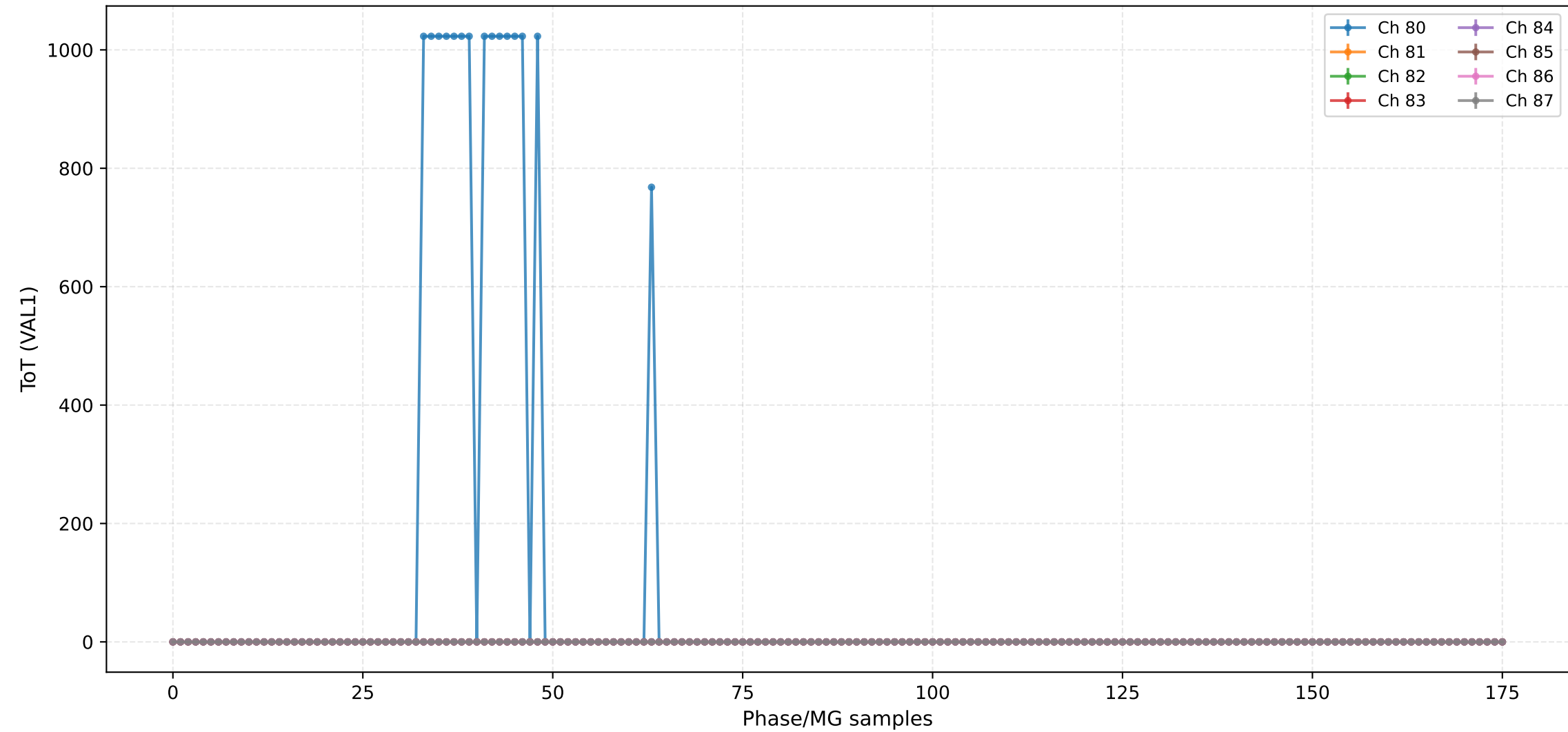
ToT (VAL1) - Channels 64 to 71



## ToT (VAL1) - Channels 72 to 79



## ToT (VAL1) - Channels 80 to 87



ToT (VAL1) - Channels 88 to 95



ToT (VAL1) - Channels 96 to 103

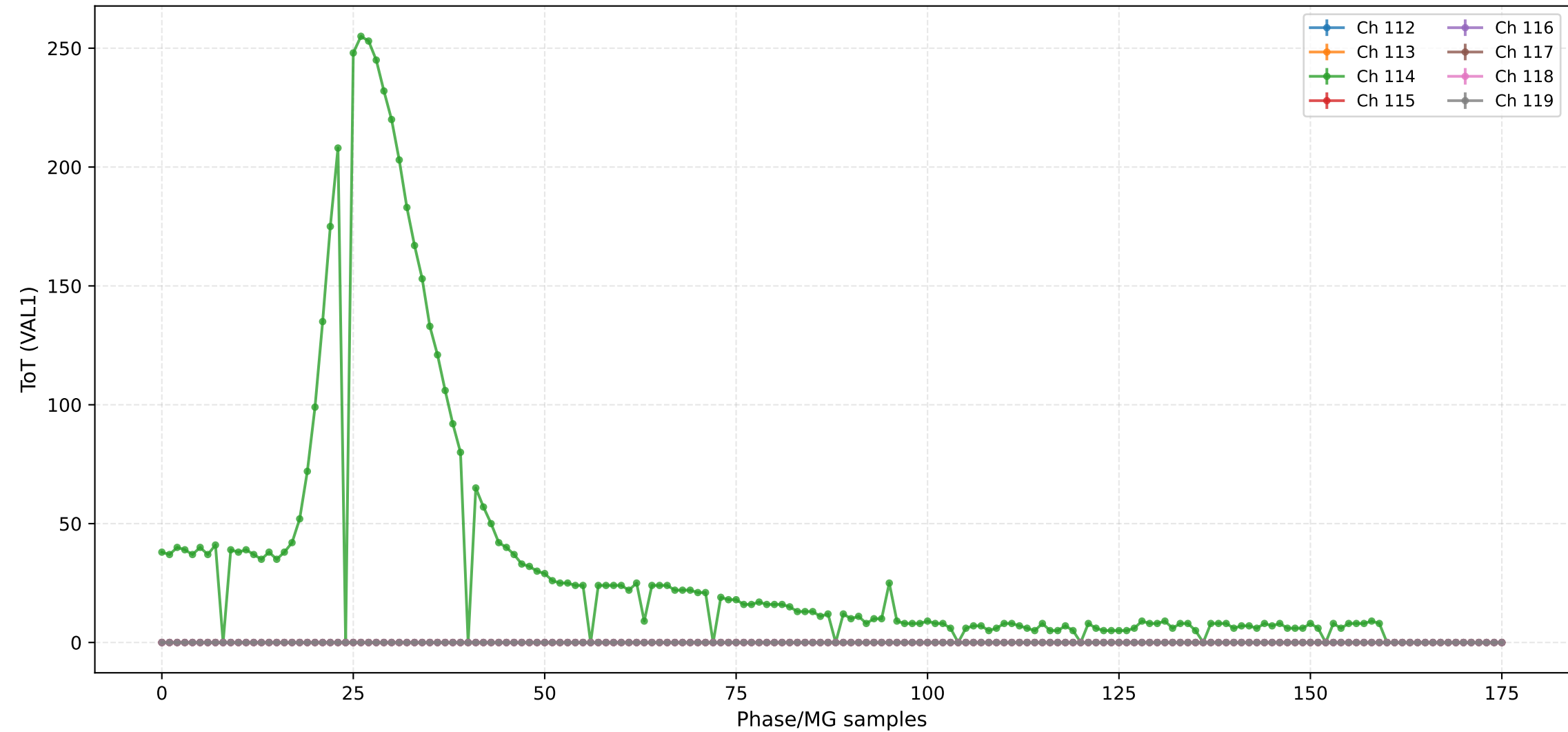




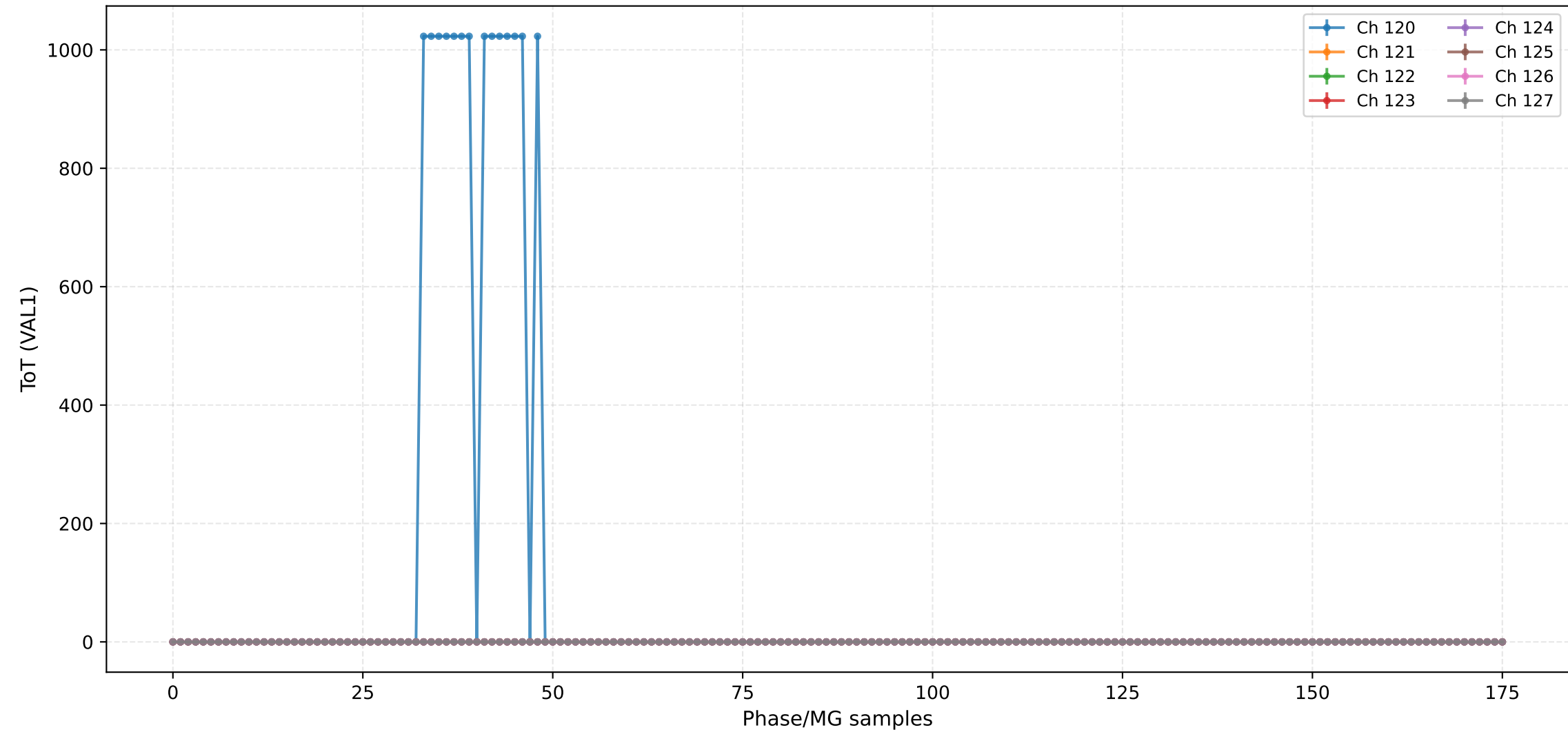
ToT (VAL1) - Channels 104 to 111



### ToT (VAL1) - Channels 112 to 119



### ToT (VAL1) - Channels 120 to 127



## ToT (VAL1) - Channels 128 to 135



ToT (VAL1) - Channels 136 to 143



ToT (VAL1) - Channels 144 to 151





ToA (VAL2) - Channels 8 to 15





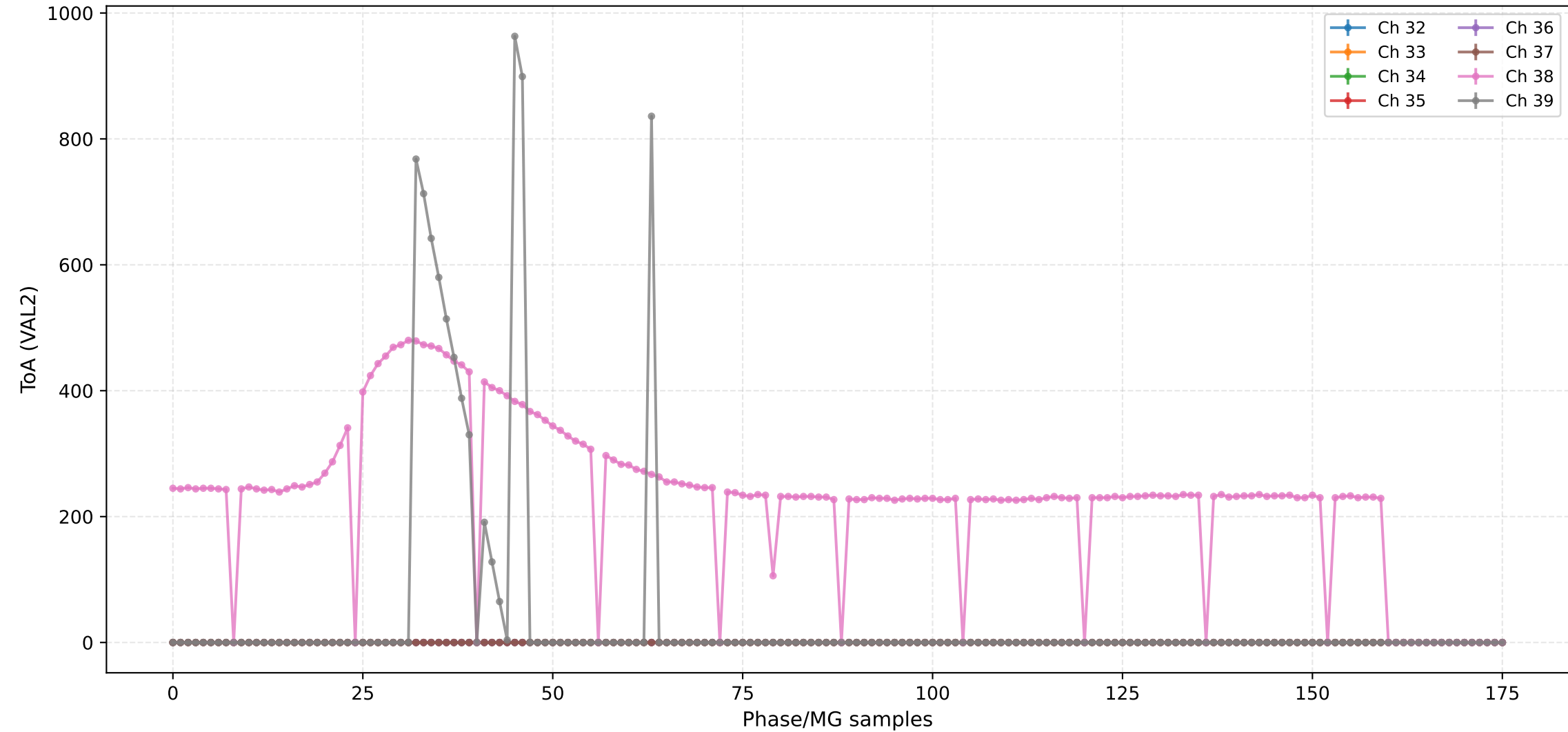
## ToA (VAL2) - Channels 16 to 23



ToA (VAL2) - Channels 24 to 31



## ToA (VAL2) - Channels 32 to 39





## ToA (VAL2) - Channels 48 to 55



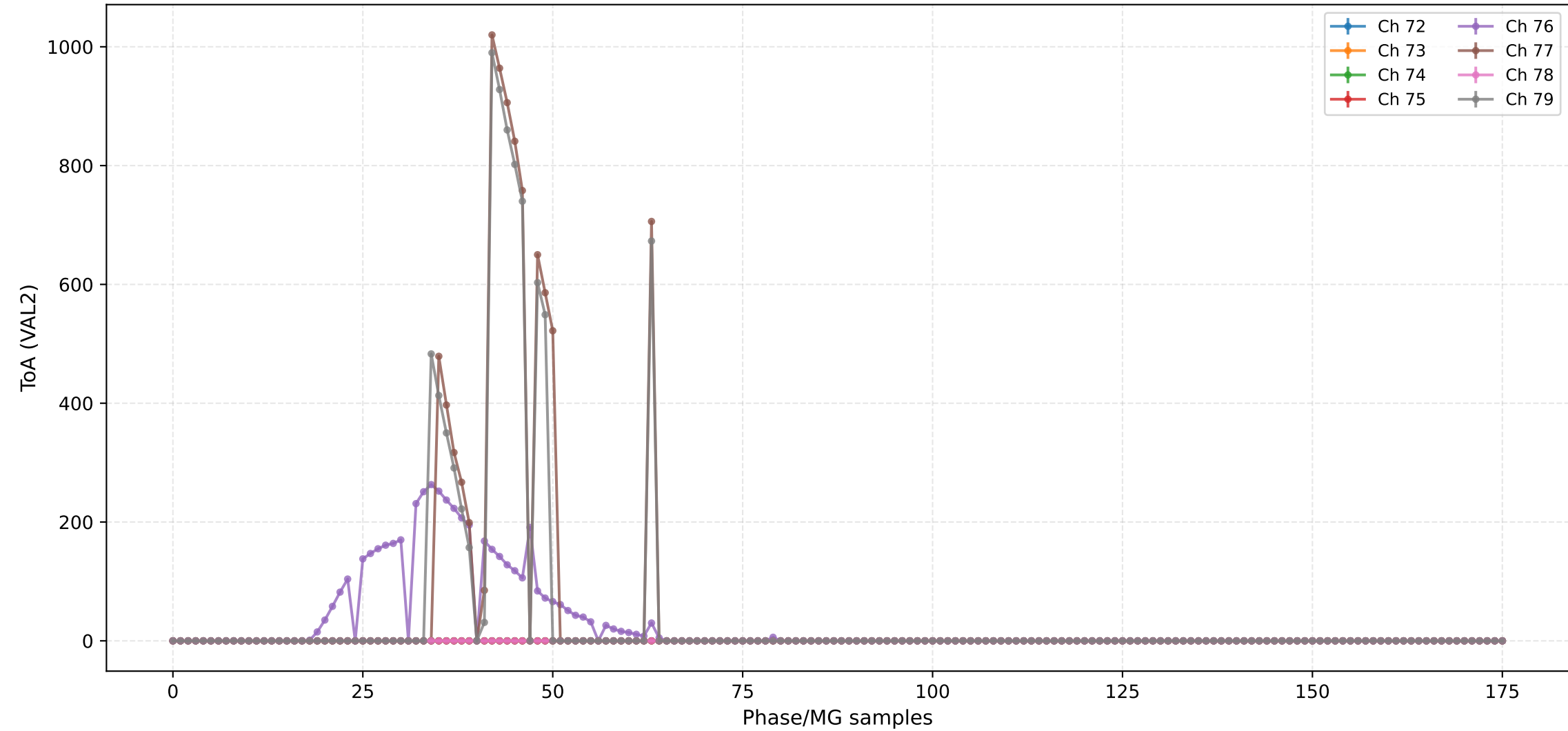
ToA (VAL2) - Channels 56 to 63



## ToA (VAL2) - Channels 64 to 71



## ToA (VAL2) - Channels 72 to 79







## ToA (VAL2) - Channels 88 to 95



ToA (VAL2) - Channels 96 to 103

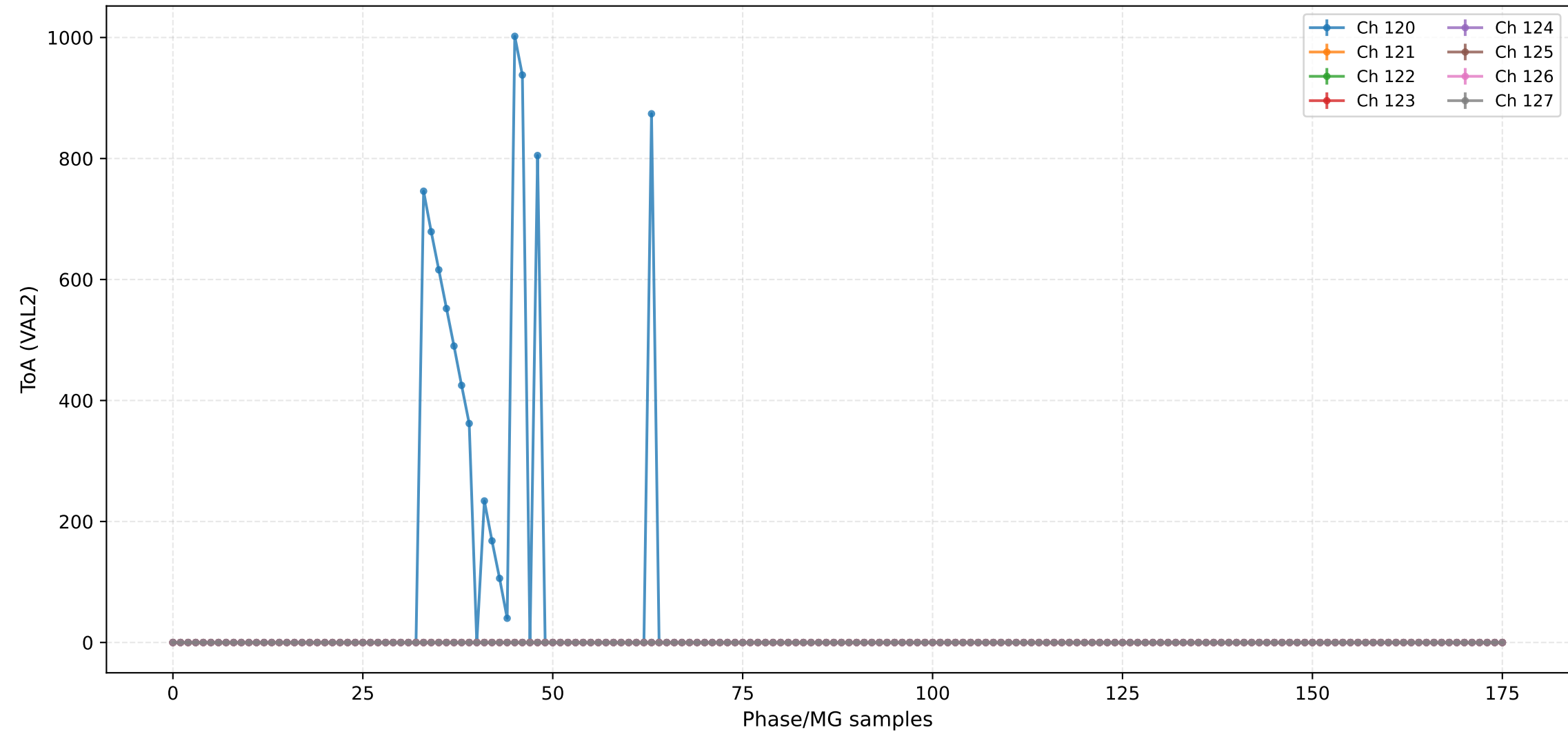


## ToA (VAL2) - Channels 104 to 111





ToA (VAL2) - Channels 120 to 127





## ToA (VAL2) - Channels 136 to 143





The graph displays the time evolution of the expectation value of the Pauli matrix  $\sigma_y$  for six different channels (Ch 144 to Ch 149). The x-axis represents time in units of  $10^{-12}$  s, ranging from 0 to 175. The y-axis represents the expectation value, ranging from -0.5 to 0.5. A horizontal dashed line is drawn at  $y=0$ . The legend indicates the following channels:

- Ch 144 (blue)
- Ch 145 (orange)
- Ch 146 (green)
- Ch 147 (red)
- Ch 148 (purple)
- Ch 149 (brown)

All channels show a constant value of 0 throughout the entire time range.



## Injection Scan Results

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Script: 205\_Injection v1.0

Date: 2025-12-13 01:16:51

### Configuration:

- Total ASICs: 2
- Injection DAC: 3300
- Machine Gun: 10
- Scan Pack: 2
- Scan Channels: 16
- 2.5V Injection: True
- High Range Injection: False

### Analog Settings:

- RF: 0x-1
- CF: 0x-1
- CC: 0x-1
- CF Comp: 0x-1

### Output Files:

- 205\_Injection\_asic2\_injdac3300\_mg10\_pack2\_chn16\_val0.csv
- 205\_Injection\_asic2\_injdac3300\_mg10\_pack2\_chn16\_val1.csv
- 205\_Injection\_asic2\_injdac3300\_mg10\_pack2\_chn16\_val2.csv